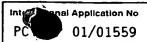
## INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04M11/00 G06F1/32

According to International Patent Classification (IPC) or to both national classification and IPC

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04M} & \mbox{H04L} & \mbox{G06F} \end{array}$ 

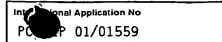
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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	paragraphs			
	'13.1!, '13.2!, '13.3!, '13.4.5!,	<b>'13.5!</b>		
		-/		
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X Furth	ner documents are listed in the continuation of box C.	Patent family members are listed	in annex.	
° Special ca	tegories of cited documents:	*T* later document published after the inte	rnational filino date	
	int defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the	the application but	
'E' earlier d	locument but published on or after the international	invention  *X* document of particular relevance; the c	laimed invention	
filing d L' docume!	nt which may throw doubts on priority claim(s) or	cannot be considered novel or cannot involve an inventive step when the do	be considered to	
	is cited to establish the publication date of another or other special reason (as specified)	"Y" document of particular relevance; the c cannot be considered to involve an inv		
O' docume other n	ent referring to an oral disclosure, use, exhibition or neans	document is combined with one or mo ments, such combination being obviou		
P' docume	nt published prior to the international filing date but an the priority date claimed	in the art.  *&* document member of the same patents	amily	
Date of the a	actual completion of the international search	Date of mailing of the international search report		
20	December 2001	16/01/2002		
Name and n	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	,	
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Blanco Cardona, P		

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